

10088-5

12-14-2009

1/3



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Note to the File:

EPA Reg. No. 10088-5

On 12/14/09, I reviewed the above mentioned label and determined that the registrant satisfied all the requested changes to their (reregistration) label.

Tracy White

Note: I placed this action in ~~OPEN~~ as a 350, since it was not appropriately submitted as a fast track amendment request or resubmission. The dec # W425498. The stamped label, dated 12/14/09, is fine to post to PPLS.

Thank you,
Kathryn Montoya
PM 23

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER - PELIGRO

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes and socks, chemical-resistant gloves, goggles or face shield, and chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

USER SAFETY RECOMMENDATIONS

User should wash hands before eating, drinking, chewing gum, tobacco use, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of cistern water or groundwater.

CONTROLS THE FOLLOWING WEEDS:

Aspens, Bitter Sneezeweed, Bitterweed, Brambles, Broomweed, Burdock, Buttercup, Chervil, Chickweed, Chickory, Chokecherry, Clovers, Cocklebur, Coffeewood, Cottonwood, Croton, Dandelion, Docks, Elms, Evening Primrose, False Strawberry, Fanweed, Ground Ivy, Heal All, Henbit, Honeysuckle, Jimsonweed, Knotweed, Kochia, Lambsquarters, Locust, Maples, Mustard, Oak, Oxalis, Pennyworts, Peppergrass, Pigweed, Plantains, Plums, Poison Ivy, Poison Oak, Prickly Lettuce, Ragweed, Sassafras, Sheepsorrel, Shepherds Purse, Speedwell, Spotted Spurge, Sumac, Sunflower, Thistles, Vetch, Wild Carrot, Wild Onion, Wild Radish, Wild Roses, Willows, Yarrow, Yellow Rocket, and many others.

**SELECTIVE
HERBICIDE #3
BROADLEAF WEED KILLER**

ACTIVE INGREDIENTS:

Dimethylamine 2,4-Dichlorophenoxyacetic Acid 12.30%
Trisopropanolamine 2,4-Dichlorophenoxyacetic Acid . . 19.07%
INERT INGREDIENTS: 68.63%
TOTAL: 100.00%
2,4-dichlorophenoxyacetic acid equivalent 20.1% (1.9 pounds per gallon).
Isomer specific by AOAC method 6, DO 1-5.

**KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO**

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Note to Physician: Probably mucosal damage may contraindicate the use of gastric lavage.

For information on product, usage, etc., call 1-800-743-0417.

**EPA REG. NO. 10088-5
EPA EST. NO. 10088-WI-1**

Manufactured by:
Athea Laboratories, Inc.
DEC 14 2009 P.O. Box 240014
Milwaukee, WI 53224

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 10088-5

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its label.

This product will kill or seriously injure desirable forms of vegetation. Do not apply directly to ornamentals, flowers, fruits, vegetables, grapes, cotton, tobacco, carpet grass, St. Augustine grass or other desirable plants.

LAWN AND TURF: To control dandelions, chickweed, plantains, Japanese clover, oxalis, wild onions and certain other weeds, dilute 2 quarts of this product with 200 gallons of water to treat one acre. Keep spray tank agitated during application. Wet foliage thoroughly with spray solution. Do not apply during the heat of day. If grass begins to yellow, water thoroughly and fertilize. Do not apply to grass less than 4 months old. Temporary burning or yellowing may occur to Bent and Fescue grasses. Do not use on clover, Dichondra or Lippia lawns. To control Oxalis, repeated treatments may be necessary. For best control of wild onions, treat while young and before bulbils are formed - usually in late fall or early spring. Do not apply through any type of irrigation system. Limited to 2 applications per year. Maximum of 1.5 lbs ae per acre per application. The maximum seasonal rate is 3.0 lbs ae per acre, excluding spot treatments.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

TO TREAT SMALL AREAS: Mix 1-1/2 ounces of this product in 4-1/2 gallons of water to treat 1000 square feet.

TO CONTROL DOCKS, THISTLES, MORNING GLORY ALONG FENCE ROWS AND RIGHTS OF WAYS: Mix 1 gallon of this product in 100 gallons of water to treat 1 acre.

FOR WOODY PLANTS SUCH AS POISON OAK, BRAMBLES, POISON IVY, SUMAC, HONEYSUCKLE: Mix 8 ounces of this product per gallon of water and drench thoroughly while plants area in full leaf. Limited to one application per year. Maximum of 4.0 lbs ae per acre per year.

TO KILL STUMPS: Mix 1 pint of this product in one quart of kerosene or diesel oil. Spray all of the stump area thoroughly.

Spray Drift Management

A variety of factors including weather conditions (e.g., wind directions, wind speed, temperature, relative humidity) and method of application (e.g., ground and airblast) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a coarse or coarser spray, apply only as a coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When apply sprays that contain 2,4-D mixed with other active ingredients that require a medium or more fine spray, apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water,

WIN

known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a medium spray, leave one swath unsprayed at the downwind edge of treated field.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if:

- a) conditions of temperature inversion exist, or
- b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Application Restrictions: Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Postemergence (annual & perennial weeds): Limited to 2 applications per year. Maximum of 2.0 lbs. ae/acre per application. Minimum of 30 days between applications. Application to non-cropland areas are not applicable, to treatment of commercial times or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Entry Restrictions: Do not enter or allow people (or pets) to enter the treated areas until sprays have dried.

Prohibited for aerial applications.

WARRANTY

Athea Laboratories, Inc. warrants that this product conforms to the chemical description on this label. To the extent consistent with applicable law Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

PESTICIDE STORAGE: Do not store near heat or open flame. Store above 32°F. If product freezes, mix thoroughly before using. This does not alter the product. Keep container tightly closed when not in use. If container is damaged or leaking, contain spill. Soak up spilled material with absorbent and place in closed, labeled container for proper disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

0360.020609_2,4-D RED

NET CONTENTS:

1 5 6 15 20
 30 35 55 GALLONS

ACCEPTED

DEC 14 2009

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No 10088-5

u/w